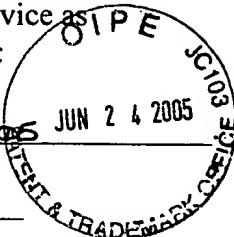


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1743

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INFORMATION DISCLOSURE
STATEMENT
Examining Group
Patent Application
Docket No. USF-221XT
Serial No. 09/763,419

Jenna M. Morrison
Jenna M. Morrison, Patent Attorney



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner : Arlen Soderquist
Art Unit : 1743
Applicants : Abdul Malik, Dongxin Wang
Serial No. : 09/763,419
Filed : July 19, 2001
Conf. No. : 6244
For : Capillary Column and Method of Making

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§1.97 AND 1.98

Sir:

In accordance with 37 CFR §1.56, the references listed on the attached form PTO/SB/08 are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. A copy of each cited reference is enclosed.

It is respectfully requested that the references cited on the attached form PTO/SB/08 be considered in the examination of the subject application and that their consideration be made of record.

Applicant respectfully asserts that the substantive provisions of 37 CFR §§1.97 and 1.98 are met by the foregoing statement.

Respectfully submitted,


Jenna M. Morrison
Patent Attorney
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JMM/amh

Enclosures: PTO Form SB/08; references cited therein

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Substitute for form 1449A/PTO			Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Application Number	09/763,419
			Filing Date	July 19, 2001
			First Named Inventor	Abdul Malik
			Art Unit	1743
			Examiner Name	Arlen Soderquist
Sheet	1	of	Attorney Docket Number	USF-221XT

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
U1	US-5,624,875		04-29-1997	Nakanishi et al.	All
U2	US-6,613,234		09-02-2003	Voute et al.	All
U3	US-6,344,242		02-05-2002	Stolk et al.	All
U4	US-5,589,396		12-31-1996	Frye et al.	All
U5	US-5,128,291		07-07-1992	Wax et al.	All
U6	US-6,759,126		07-06-2004	Malik et al.	All
U7	US-				
U8	US-				
U9	US-				

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
F1						
F2						
F3						
F4						
F5						
F6						
F7						

Examiner Signature		Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard T.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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<p>Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i></p>				Complete if Known	
Sheet	2	of	2	Application Number	09/763,419
				Filing Date	July 19, 2001
				First Named Inventor	Abdul Malik
				Group Art Unit	1743
				Examiner Name	Arlen Soderquist
				Attorney Docket Number	USF-221XT

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	R1	RODRIGUEZ, S.A. et al. "Study of the Solution in the Synthesis of a Sol-Gel Composite Used as a Chromatographic Phase" <i>Chem. Mater.</i> , 1999, pp. 754-762, Vol. 11.	
	R2	WOOLLEY, C.L. et al. "Deactivation of Fused-Silica Capillary Columns with Polymethylhydrosiloxanes" <i>Journal of Chromatography</i> , 1986, pp. 23-34, Vol. 367.	
	R3	CHONG, S.L. et al. "Sol-Gel Coating Technology for the Preparation of Solid-Phase Microextraction Fibers of Enhanced Thermal Stability" <i>Anal. Chem.</i> , 1997, pp. 3889-3898, Vol. 69, No. 19.	
	R4	COLLINSON, M.M. et al. "Sol-Gels and Electrochemistry" <i>Analytical Chemistry</i> , November 1, 2000, pp. 702-709	
	R5	LEE, M.L. "Fused Silica Capillary Column Technology for Gas Chromatography" <i>Journal of Chromatographic Science</i> , 1984, pp. 136-140, Vol. 22	
	R6	MACKENZIE, J.D. "Hybrid Organic-Inorganic Materials: Sol-Gel Approach" <i>ACS Symposium Series</i> , 1995, Chapter 17, pp. 227-237.	
	R7	MALIK, A. "Advances in Sol-Gel Based Columns for Capillary Electrochromatography: Sol-Gel Open-Tubular Columns" <i>Electrophoresis</i> , 2002, pp. 3973-3992, Vol. 23.	
	R8	BREADMORE, M.C. et al. "On-Capillary Ion-Exchange Preconcentration of Inorganic Anions Using Open-Tubular Capillaries Followed by Elution with a Transient Isotachophoretic Gradient" <i>The Analyst Communication</i> , 2000, pp. 799-802, Vol. 125.	
	R9	BREADMORE, M.C. et al. "On-Capillary Ion-Exchange Preconcentration of inorganic Anions in Open-Tubular Capillary Electrochromatography with Elution Using Transient-Isotachophoretic Gradients. 2. Characterization of the Isotachophoretic Gradient" <i>Anal. Chem.</i> , February 15, 2001, pp. 820-828, Vol. 73, No. 4.	
	R10	BREADMORE, M.C. et al. "On-Column Ion-Exchange Preconcentration of Inorganic Anions in Open Tubular Capillary Electrochromatography with Elution Using Transient-Isotachophoretic Gradients. 3. Implementation and Method Development" <i>Anal. Chem.</i> , May 1, 2002, pp. 2112-2118, Vol. 74, No. 9.	
	R11		
	R12		
	R13		

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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